

JOHN P. LOCKRIDGE OPERATOR, INC.

May 14, 1985

Bureau of Land Management
170 South 500 East
Vernal, Utah 84078

RECEIVED

MAY 23 1985

DIVISION OF OIL
GAS & MINING

Re: Application for Permit to Drill
John P. Lockridge Operator, Inc.
#34-33 Horseshoe Bend Federal
SW SE Section 33-T6S-R22E
Uintah County, Utah

Gentlemen:

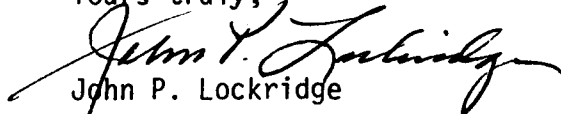
We herewith submit in triplicate an Application for Permit to Drill the #34-33 Horseshoe Bend Federal in the SW SE Section 33-T6S-R22E, Uintah County, Utah. The proposed drill-site is on USA Oil and Gas Lease U-44210 and a Designation of Operator naming John P. Lockridge Operator, Inc. was submitted to your office on April 25, 1985.

A Cultural Resource Survey has been conducted for the access road and location and will be submitted to you as soon as we receive it from the archeologist.

Our engineering supervisor, Curley Grimlie, will be delivering this letter to you and will be available to participate in the on-site inspection if you are available to do so, at the same time as you review nearby well locations in Section 28 and 31-T6S-R22E.

Your consideration of the enclosed APD will be appreciated.

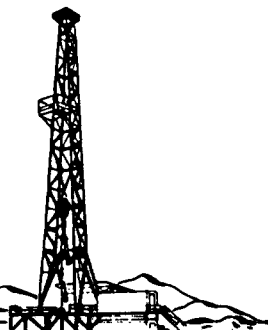
Yours truly,


John P. Lockridge

JPL/sl

cc: Utah Natural Resources, Division of Oil, Gas and Mining

Note: Application has been made with the State engineer for use of water from the Green River. No activity will be conducted prior to our advising your office of the number of the permit under which water will be obtained.



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>			5. LEASE DESIGNATION AND SERIAL NO. U-44210	
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME -----	
2. NAME OF OPERATOR JOHN P. LOCKRIDGE OPERATOR, INC.			7. UNIT AGREEMENT NAME -----	
3. ADDRESS OF OPERATOR 1444 WAZEE, SUITE 218, DENVER, CO 80202 303-628-9371			8. FARM OR LEASE NAME HORSESHOE BEND FEDERAL	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface SW SE (623' FSL & 1903' FEL) Sec. 33-T6S-R22E, SLM At proposed prod. zone			9. WELL NO. 34-33	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 17 mi. SE of Vernal, Utah			10. FIELD AND POOL, OR WILDCAT UNDESIGNATED. Horseshoe Bend	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 623			11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 33-T6S-R22E	
16. NO. OF ACRES IN LEASE 1840			12. COUNTY OR PARISH Uintah	
17. NO. OF ACRES ASSIGNED TO THIS WELL 160			13. STATE Utah	
18. DISTANCE FROM PROPOSED* LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1975			19. PROPOSED DEPTH 3600 <i>Uinta</i>	
20. ROTARY OR CABLE TOOLS Rotary			21. APPROX. DATE WORK WILL START* 6/10/85	
22. ELEVATIONS (Show whether DF, RT, GR, etc.) 5048 Gr.			23. PROPOSED CASING AND CEMENTING PROGRAM	

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8"	24.0#	200'	110 sacks
7 1/8"	4 1/2"	9.5#	T.D.	260 sacks

Proposal: To drill a test well through the Uinta Formation

See Attached:

- 1) Ten Point Drilling Program
- 2) Multipoint surface Use and Operation Plan
- 3) Cultural Resource Survey Report.

RECEIVED

Anticipated BHP is 1300 PSI

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

MAY 23 1985

DATE: 6/3/85

BY: John R. Baya

DIVISION OF OIL
GAS & MINING

WELL SPACING: Canyon 70-145-4
10/25/84

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

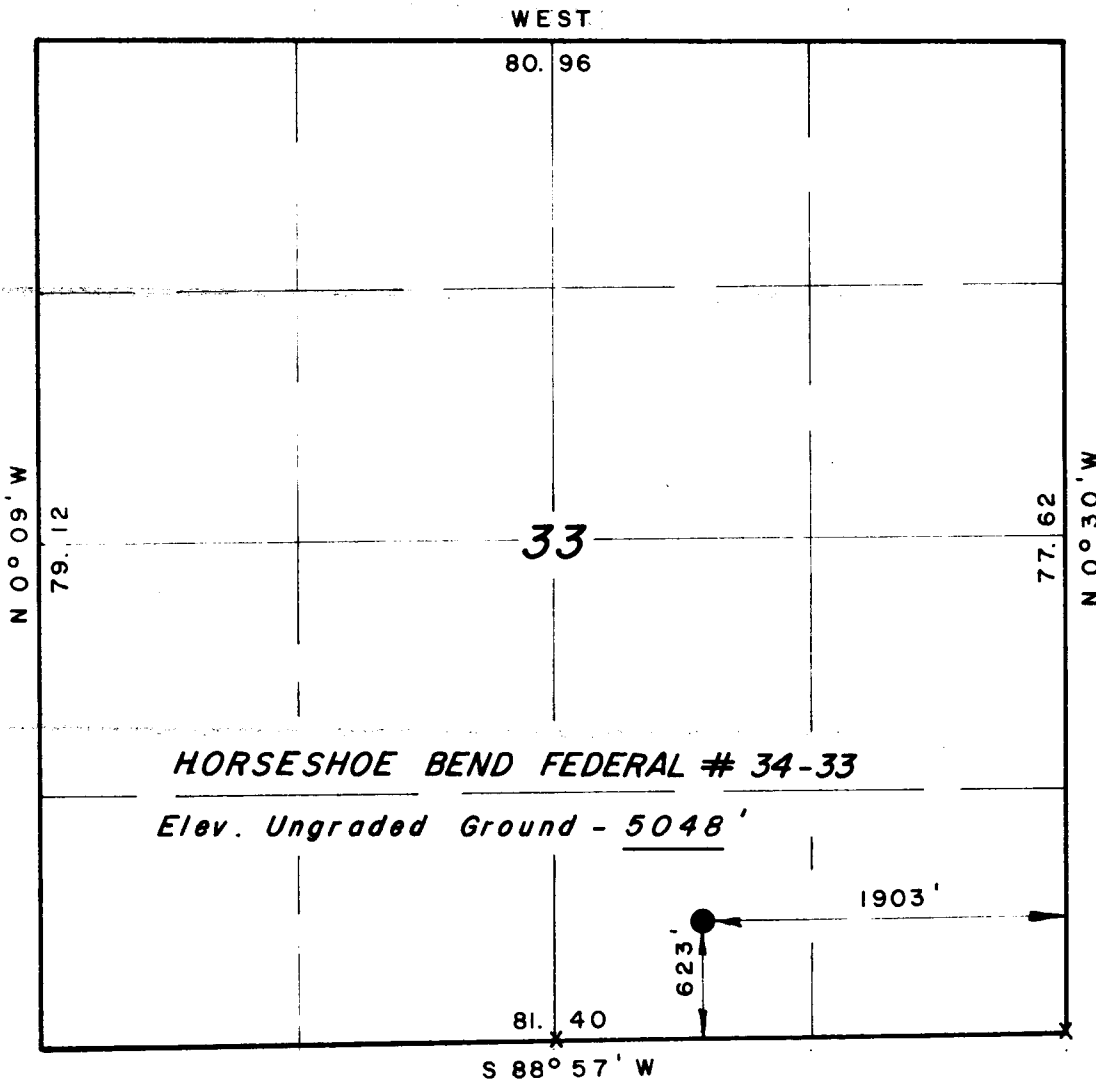
24. SIGNED John P. Lockridge TITLE President DATE 5-8-85
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

T 6 S , R 22 E , S . L . B . & M .



X = Section Corners Located

PROJECT

JOHN P. LOCKRIDGE, OPERATOR INC.

Well location, **HORSESHOE BEND FEDERAL # 34 - 33**, located as shown in the SW 1/4 SE 1/4 Section 33, T 6 S, R 22 E, S.L.B. & M. Uintah County, Utah.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF

Lawrence P. Kay

REGISTERED LAND SURVEYOR
REGISTRATION NO 3137
STATE OF UTAH

Revised 5/13/85

UINTAH ENGINEERING & LAND SURVEYING
P.O. BOX Q - 85 SOUTH - 200 EAST
VERNAL, UTAH - 84078

SCALE	1" = 1000'	DATE	6 / 18 / 82
PARTY	DA JK LZ	REFERENCES	GLO Plat
WEATHER	Clear / Hot	FILE	SNYDER

TEN POINT PROGRAM

1) GEOLOGIC SURFACE FORMATION

The surface formation is Uinta.

2 & 3) GEOLOGIC MARKERS AND PRODUCTIVE INTERVALS

<u>Formation</u>	<u>Estimated Top</u>	<u>Possible Production</u>
Uinta "B" Marker	3050'	
Uinta Green River Transition	3400'	H
Green River	3550'	H
T. D.	3600'	

W = Water H = Hydrocarbon (oil or gas) C = Coal S = Steam

4) CASING PROGRAM

<u>Hole Size</u>	<u>Casing Size</u>	<u>Grade</u>	<u>Weight</u>	<u>Thrd & Cond</u>	<u>Depth</u>
12 1/4	8 5/8"	H-40	24.0	STC	200'
6 3/4	4 1/2"	J-55	9.5	STC	TD

5) CONTROL EQUIPMENT SPECIFICATIONS

The following equipment will be utilized for detection and control during the drilling operation.

BLOW OUT PREVENTORS

Size 7 1/16" Pressure Rating 3000 psi

Pipe Rams yes Blind Rams yes

Annular Preventor yes

Kill Line Size 2" x 3000 psi Valves 2" x 3000 psi

Check Valve 2" x 3000 psi

Manifold

Size 3" Valves 3" x 3000 Pressure 3000 psi

Positive choke yes Adjustable Choke yes

See Exhibit I attached for additional detail. BOP Equipment will be installed prior to drilling below 8 5/8" casing and BOP will be tested to 1500 psi using rig pump. Surface casing will be tested to 70% of internal yield.

6) DRILLING FLUIDS

<u>Interval</u>	<u>Type Fluid</u>	<u>Weight</u>	<u>Viscosity</u>	<u>Fluid Loss</u>	<u>Remarks</u>
0-200'	Air				
200-2200'	KCL Water	8.4 - 8.6	No Control	No Control	
2200'-TD	KCL Gel Mud	8.6 - 9.0	45 - 55	10 cc	

Possible Sub Normal Pressured Zones Green River

Possible Abnormal Pressured Zones None

7) AUXILIARY EQUIPMENT

Upper Kelly Cock no

Lower Kelly Cock no

Floor Valve DP yes

Floor Valve DC yes

Float in DC yes

Inside BOP (Dart Valve) no

ADDITIONAL DETECTION EQUIPMENT & SERVICE

Mud Logging Unit yes

Pit Volume Totalizer no

Flow Line Sensor no

Flow Line Temperature no

Sour Gas Detector no

Pump Stroke Counter no

John P. Lockridge Operator, Inc.
34-33 Horseshoe Bend Federal

SW SE Section 33-T6S-R22E
Uintah Co., Utah

Degasser _____ no _____

Mud Gas Separator _____ no _____

Drilling Data Unit _____ no _____

Other The mud system will be visually monitored

8) EVALUATION

A) Testing

All significant hydrocarbon shows will be drill stem tested. There will probably be 2 to 4 DST's.

B) Logging

<u>Depth</u>	<u>Electric Wireline Logs</u>	<u>Interval</u>
Total Depth	DIL/GR, FDC/CNL	200'-TD

C) Coring

<u>Formation</u>	<u>Type Core</u>	<u>Analysis</u>
none		

9) DRILLING HAZARDS

No extraordinary hazards are anticipated.

10) STARTING DATE 6/15/85 DURATION 5 DAYS.

DRILLING PROGRAM PREPARED BY: JOHN P. LOCKRIDGE


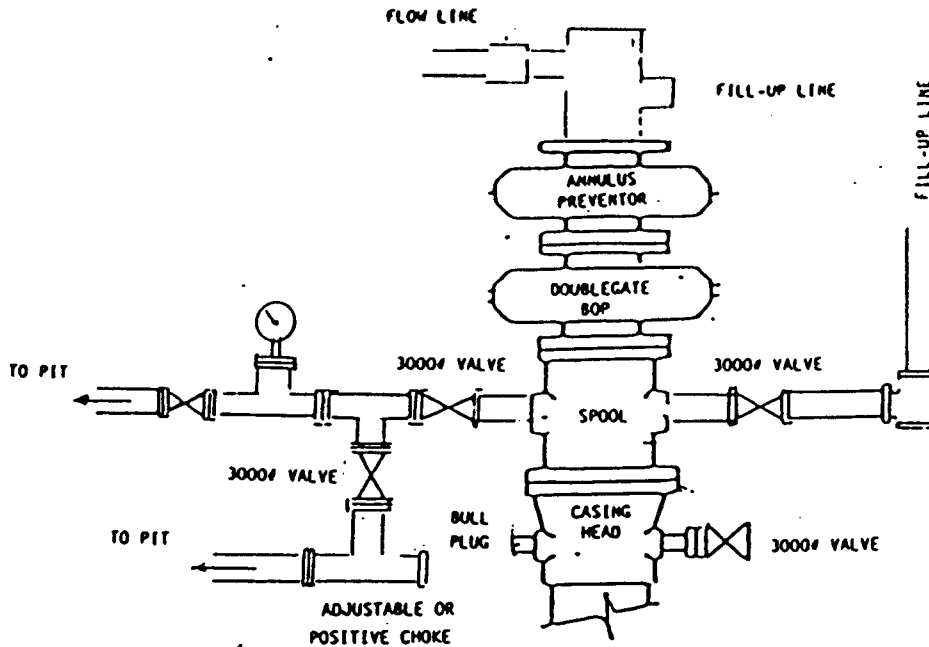

John P. Lockridge

EXHIBIT 1

Sketch of Blowout Preventor
3000 psi System



Note: Pipe rams to be operated daily. Blind rams to be operated each trip.

Test Procedure

- 1) Flush BOP's and all lines to be tested with water.
- 2) Run test plug on test joint and seat in casing head (leave valve below test plug open to check for leak).
- 3) Test the following to rated pressure:
 - a) inside blowout preventer
 - b) annulus preventer
 - c) lines to mud pump
 - d) stand pipe valve
 - e) kill line to BOP's
- 4) Close and test pipe rams to rated pressure.
- 5) Close and test Hydril to rated pressure.
- 6) Back off and leave test plug in place. Close and test blind rams to rated pressure.
- 7) Test all choke manifold valves to rated pressure.
- 8) Test kill line valves to rated pressure.

THIRTEEN POINT SURFACE USE PLAN

1) EXISTING ROADS

See attached topographic maps A & B. Directions: take Highway 40 south from Vernal, approximately one mile to point where Highway 40 veers east. Take "New Bonanza" highway south approximately 16 miles to access road on south, or right side of highway. The location is approximately 1 mile south of the highway and the first 3/8 mile is an existing access road to the Snyder Oil Co. #1-33 .
West Walker Federal

2) PLANNED ACCESS ROAD

See attached topographic map A. It will be necessary to construct approximately 1/2 mile of new road to connect the existing road to the Snyder #1-33.

Maximum grade should not exceed 7% (7' per 100). The trail will be a maximum of an 18" crown road (9' on either side of the centerline) with drain ditches along either side of the proposed road where it is determined necessary in order to handle any run off from any normal meteorological conditions that are prevalent to this area.

Back slopes along the cut areas of the road will be 1 1/2 to 1 slopes and terraced.

The road will be centerline flagged prior to the commencement of construction.

No major cuts or fills appear necessary. No culverts will be needed. See Topo Map B.

The grade of this road will be constructed from native borrow accumulated during construction.

Any fences that are encountered along this access road will be cut and replaced with a cattleguard with a minimum width of 18' and a loading factor large enough to facilitate the heavy trucks required in the drilling production of this well.

If cattleguards are to be located at existing gates, they will be installed with the above requirements with a new gate installed at one end of the cattleguard.

Onsite inspection field comments:

3) LOCATION OF EXISTING WELLS

Within a one mile radius the following wells are identified by category and listed below.

1. Water wells - none
2. Abandoned wells - producing - none
Dry holes - SW SE Section 34-T6S-R22E
SW SW Section 27-T6S-R22E
3. Temporarily abandoned wells - none
4. Disposal wells - none
5. Drilling wells - none
6. Producing wells -
NE $\frac{1}{4}$ 33-T6S-R22E
SW $\frac{1}{4}$ 33-T6S-R22E
NE NE 5-T7S-R22E
7. Shut-in wells - none
8. Injection wells - none
9. Monitoring or observation wells - none

4) LOCATION OF TANK BATTERIES, PRODUCTION FACILITIES AND PRODUCTION GATHERING AND SERVICE LINES

At the present time there is a John P. Lockridge Operator, Inc. production facility at the #32-33 Horseshoe Bend Federal, NE $\frac{1}{4}$ 33-T6S-R22E, consisting of a separator and dehydrator.

In the event that production of this well is established, then the existing area of the location will be utilized for the establishment of the necessary production facilities.

This area will be built, if possible, with the native materials and if these materials are not available, then the necessary arrangements will be made to get them from private sources.

The total area that is needed for the production of this well will be fenced and cattleguards will be utilized for access to these facilities.

The rehabilitation of the disturbed area that is not required for the production of this well will meet the requirements of Items #7 and #10 and these requirements and standards will be adhered to.

If production facilities are necessary, these facilities will be constructed as shown in Figure 1.

4) Onsite inspection field comments:

5) LOCATION AND TYPE OF WATER SUPPLY

Water will be hauled from the Green River by truck. Application has been made for a state water permit.

The existing roads and proposed roads previously noted will be all that are needed. No water well will be drilled for this operation.

Onsite inspection field comments:

6) SOURCE OF CONSTRUCTION MATERIALS

All construction materials for this location site and access road shall be borrow materials accumulated during construction of the location site and access road. No additional road gravels or pit lining material from other sources are anticipated at this time, but if they are required the appropriate actions will be taken to acquire them from private sources.

7) METHODS FOR HANDLING WASTE DISPOSAL

See Location Layout Sheet.

The mud pit will be approximately 6' deep and at least one half of this depth shall be below the surface of the existing ground.

A test tank will be used to contain produced fluids.

If deemed necessary by the agencies concerned, to prevent contamination to surrounding areas, the mud pits will be lined with a gel.

The pits will have wire and overhead flagging installed at such time as deemed necessary to protect the water fowl, wildlife, domestic animals.

On the onset of drilling, the mud pit will be fenced on three sides and at the time the drilling activities are completed, it will be fenced on the fourth side and allowed to dry completely prior to the time that backfilling and reclamation activities are attempted.

When the mud pit dries and the reclamation activities commence, the pit will be covered with a minimum of four feet of soil and all requirements in Item #10 will be followed.

Trash will be placed in a completely enclosed container and hauled off the location.

All flammable materials will be burned and then buried upon completion of this well.

A portable chemical toilet will be supplied for human waste.

8) ANCILLARY FACILITIES

There are no ancillary facilities planned for at the present time and none foreseen in the near future.

9) WELL SITE LAYOUT

See attached Location Layout Sheet. The B.L.M. District Manager shall be notified before any construction begins on the proposed location site.

As mentioned in Item #7, the pits will be unlined unless it is determined by the representatives of the agencies involved that the materials are too porous and would cause contamination to the surrounding area. Then the pits will be lined with a gel and any other type material necessary to make it safe and tight.

When drilling activities commence, all work shall proceed in a neat and orderly sequence.

10) PLANS FOR RESTORATION OF SURFACE

As there is some topsoil on the location site, all topsoil shall be stripped and stockpiled. (See location layout sheet and Item #9.) When all drilling and production activities have been completed, the location site and access road will be reshaped to the original contour and stockpiled topsoil spread over the disturbed area.

As mentioned in Item #7, the mud pit will be completely fenced and wired and overhead wire and flagging installed, if there is oil in the pits, and then allowed to completely dry before covering.

Restoration activities shall begin as soon as possible after the mud pit has dried up, and will be completed without undue delay.

When restoration activities have been completed, the location site and access ramp shall be reseeded with a seed mixture recommended by the B.L.M. District Manager when the moisture content of the soil is adequate for germination. The Lessee further covenants and agrees that all of said cleanup and restoration activities shall be done and performed in a diligent and most workmanlike manner and in strict conformity with the above mentioned Items #7 and #10.

11) OTHER INFORMATION

The drillsite is located in an area of moderate slope (see cross section). The Surface is the Uinta formation, light brown sandy clay with sparse sagebrush cover. There are no trees on the proposed location.

General use of the surface is grazing. The new road and location are federally owned.

An archeological report will be filed on this prospect under separate cover.

The closest water is located in the Green River.

John P. Lockridge Operator, Inc.
34-44 Horseshoe Bend Federal
SW SE Section 33-T6S-R22E
Uintah Co., Utah

11) Onsite inspection field comments:

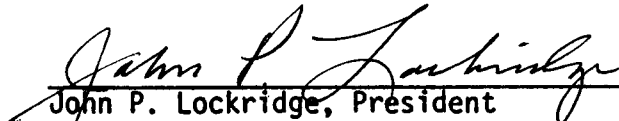
12) LESSEE'S OR OPERATOR'S REPRESENTATIVE

John P. Lockridge
1444 Wazee, Suite 218
Denver, Co 80204

Telephone - 303-628-9371

13) CERTIFICATION

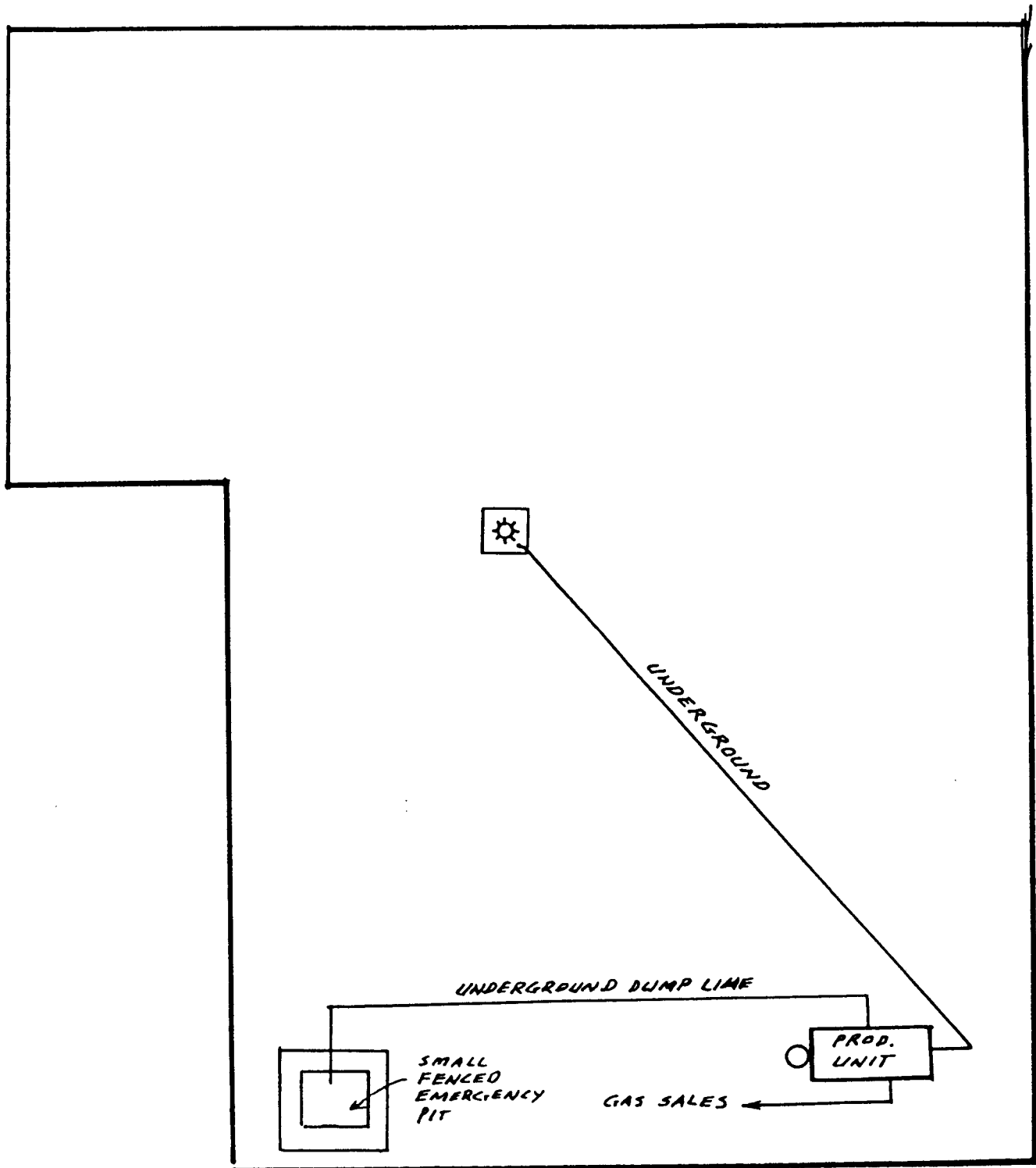
I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route. That I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by John P. Lockridge Operator, Inc., and its contractors and subcontractors in conformity with this plan and terms and conditions with this plan and the terms and conditions under which it is approved.



John P. Lockridge, President

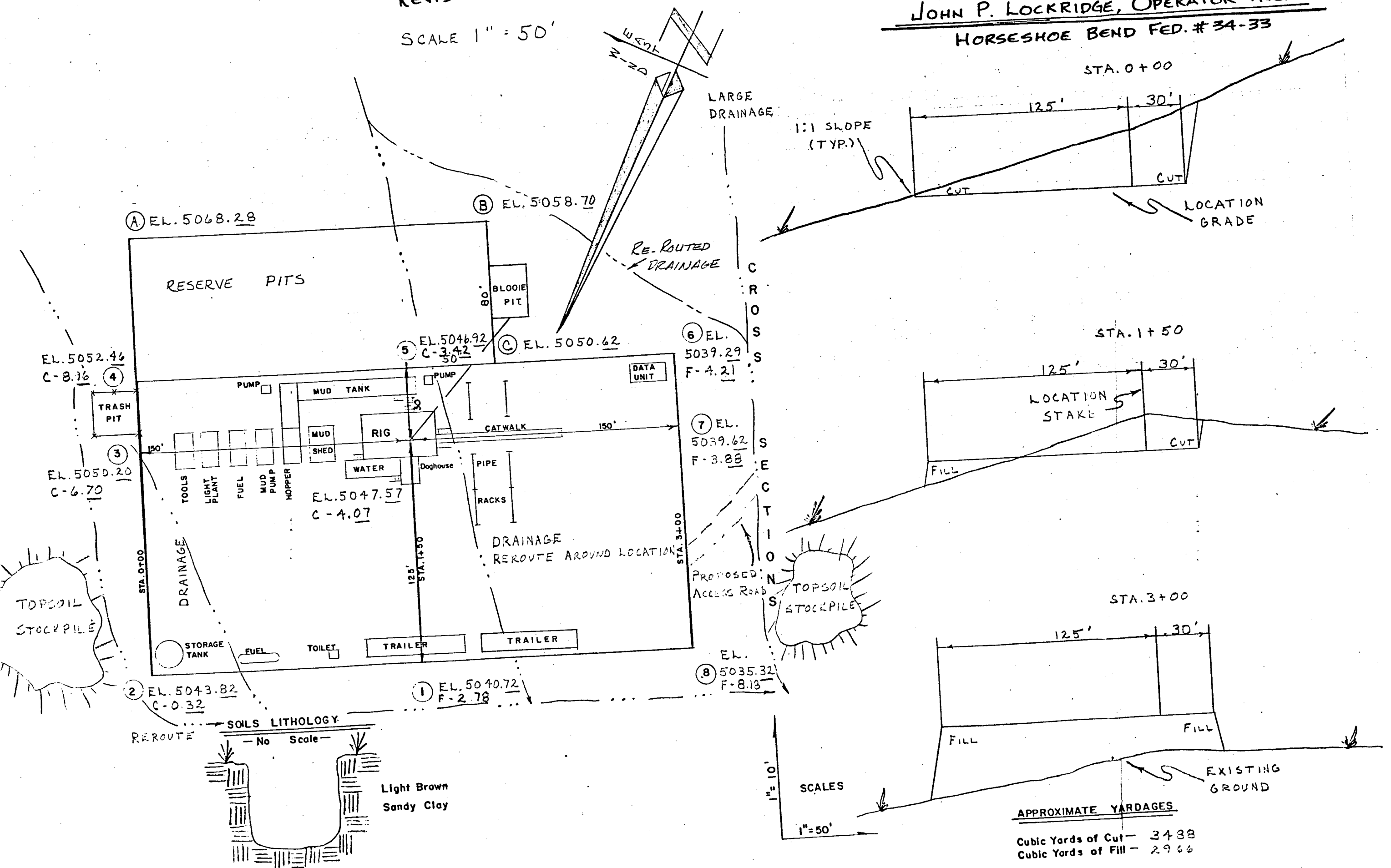
JOHN LOCKRIDGE OPERATOR INC
HORSESHOE BEND FEDERAL #34-33
SW SE SECTION 33 - T6S - R22E
UINTAH CO., UTAH

FIGURE 1. PRODUCTION FACILITIES



SCALE 1" = 50'

HORSESHOE BEND FED. # 34-33



JOHN P. LOCKRIDGE,

HORSESHOE BEND FED.
PROPOSED LOC.

TOPO.

SCALE 1" = 20

ROAD CLASSIFICA

Light duty road, all weather, Unimpr
improved surface weather

5/13/85

R.P.
#

UTAH

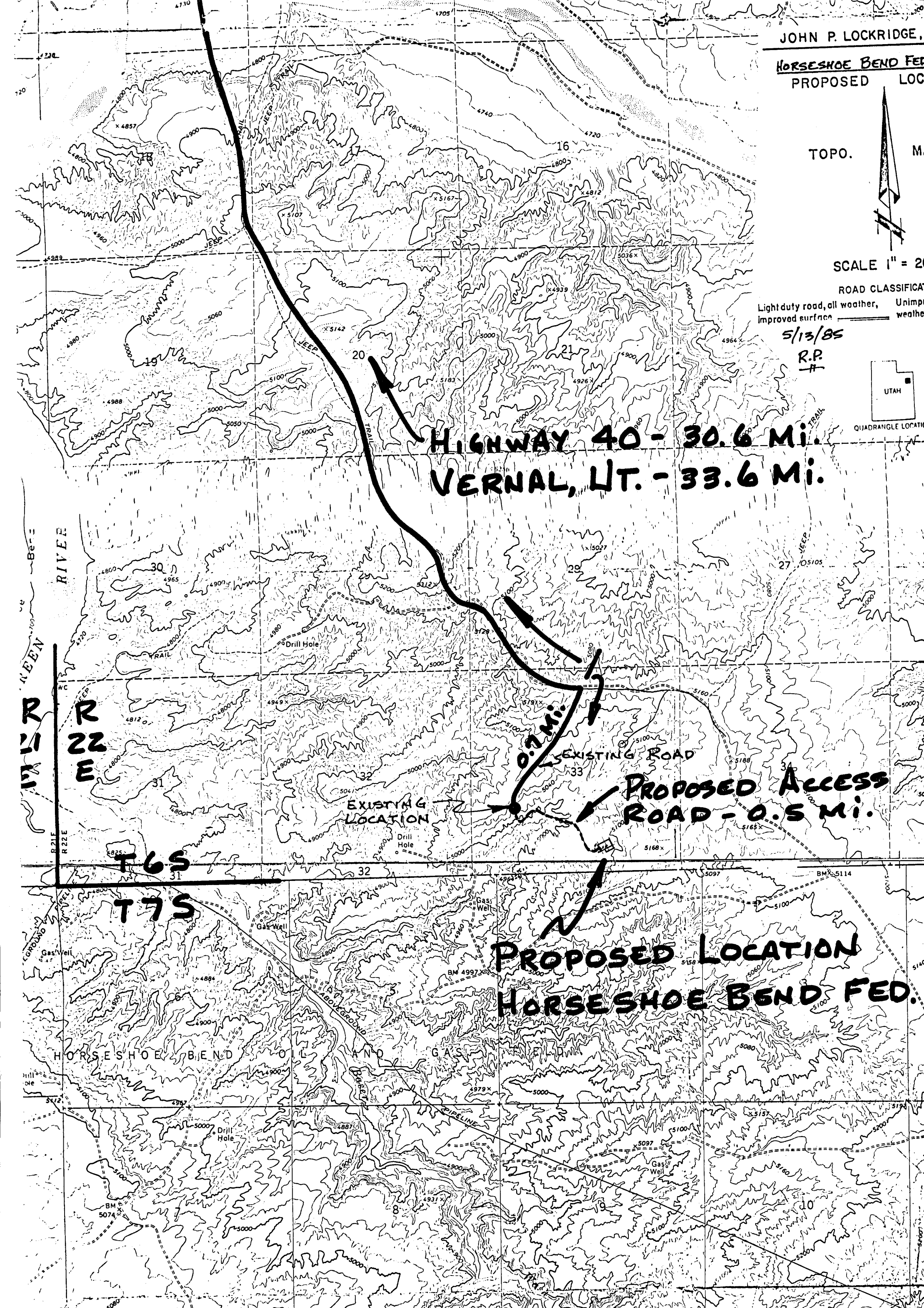
QUADRANGLE LOCATI

HIGHWAY 40 - 30.6 Mi.
VERNAL, UT. - 33.6 Mi.

EXISTING ROAD

PROPOSED ACCESS
ROAD - 0.5 Mi.

PROPOSED LOCATION
HORSESHOE BEND FED.



JOHN P. LOCKRIDGE, OPERATOR

HORSESHOE BEND FED. #34-33

PROPOSED LOCATION

TOPO.

MAP "B"

SCALE 1" = 2000'

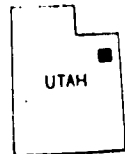
ROAD CLASSIFICATION

Light duty road, all weather,
improved surface

Unimproved road fair or dry
weather

5/13/85

R.P.
#



QUADRANGLE LOCATION

**HIGHWAY 40 - 30.6 Mi.
VERNAL, UT. - 33.6 Mi.**

EXISTING ROAD

**PROPOSED ACCESS
ROAD - 0.5 Mi.**

PROPOSED LOCATION

HORSESHOE BEND FED. #34-33

PROPOSED LOCATION

TOPO.

MAP "B"

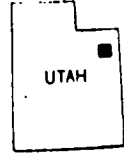
SCALE 1" = 2000'

ROAD CLASSIFICATION

Light duty road, all weather, improved surface Unimproved road fair or dry weather

5/13/85

R.P.
#



QUADRANGLE LOCATION

**HIGHWAY 40 - 30.6 Mi.
VERNAL, UT. - 33.6 Mi.**

EXISTING ROAD

**PROPOSED ACCESS
ROAD - 0.5 Mi.**

**PROPOSED LOCATION
HORSESHOE BEND FED. #34-33**

TOPO.

MA

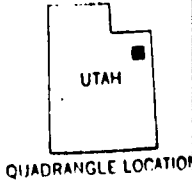
SCALE 1" = 20

ROAD CLASSIFICATION

Light duty road, all weather, Unimproved surface weather

5/13/85

R.P.

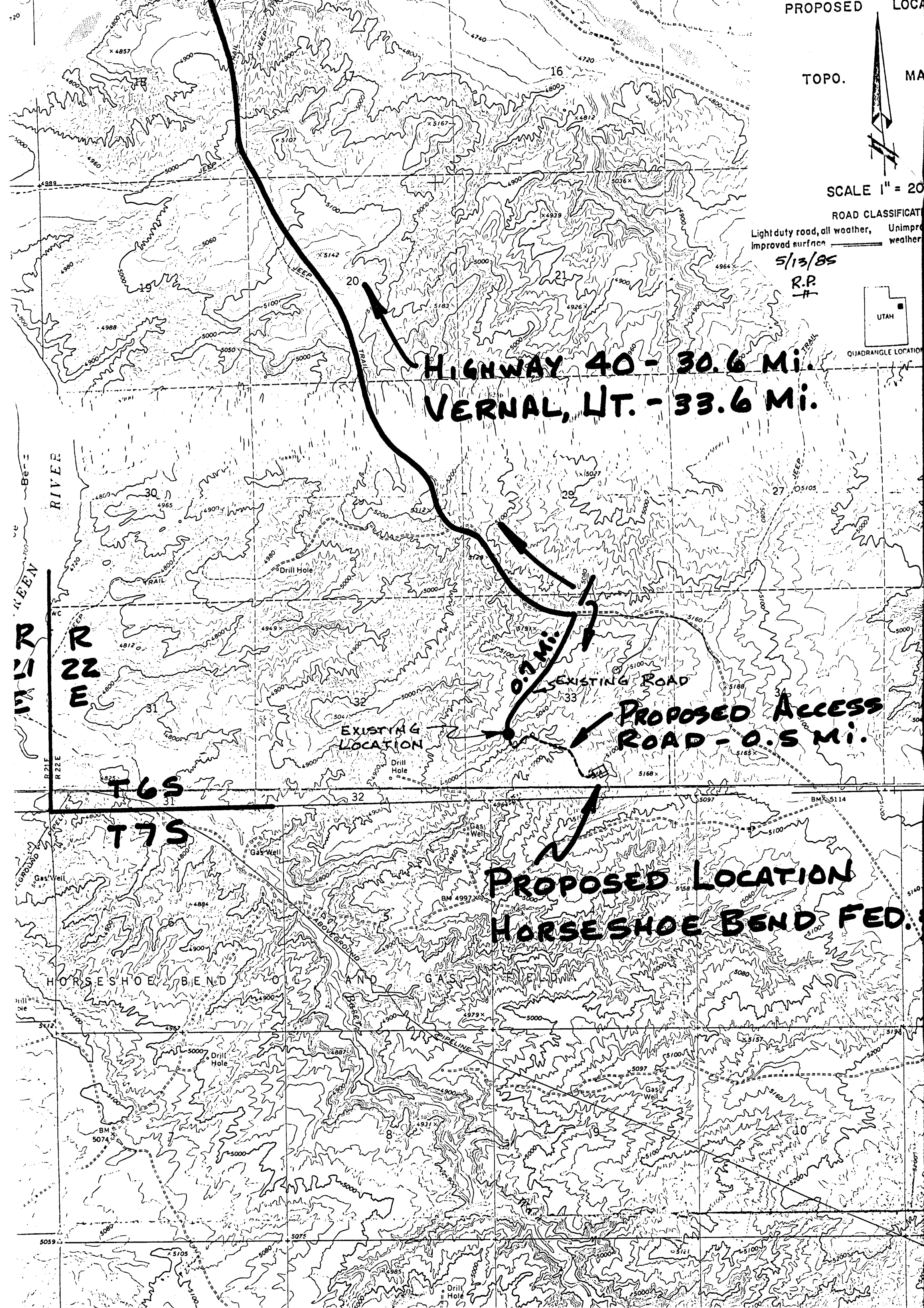


QUADRANGLE LOCATION

**Highway 40 - 30.6 mi.
Vernal, UT. - 33.6 mi.**

**PROPOSED Access
ROAD - 0.5 mi.**

**PROPOSED LOCATION
HORSESHOE BEND FED.**



PROPOSED	LOCATION
1	1
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97	97
98	98
99	99
100	100

TOPO.

MAP "A"

SCALE 1" = 4 MI.

34.8
MILES

753
765

PROPOSED LOCATION

UINTAH AND OURAY INDIAN RESERVATION

Little Bonanza

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Company John P. Lockridge, Operator, Inc. Well No. 34-33
Location Sec. 33 T6S R22E Lease No. U-44210
Onsite Inspection Date 05-16-85

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas Order No. 1, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

A. DRILLING PROGRAM

1. Estimated Depth of Anticipated Water, Oil, Gas, or Minerals

All fresh water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

2. Pressure Control Equipment

Ram-type preventers shall be pressure tested to 2,000 psi. An upper Kelly Cock shall be utilized.

BOP and choke manifold systems will be consistent with API RP 53. Pressure tests will be conducted before drilling out from under all casing strings which are set and cemented in place. Blowout preventer controls will be installed prior to drilling the surface casing plug and will remain in use until the well is completed or abandoned. Preventers will be inspected and operated at least daily to ensure good mechanical working order, and this inspection recorded on the daily drilling report. Preventers will be pressure tested before drilling casing cement plugs.

The District Office should be notified, with sufficient lead time, in order to have a BLM representative on location during pressure testing.

3. Casing Program and Auxiliary Equipment

The District Office should be notified, with sufficient lead time, in order to have a BLM representative on location while running all casing strings and cementing.

4. Mud Program and Circulating Medium

No chromate additives will be used in the mud system on Federal and Indian lands without prior BLM approval to ensure adequate protection of fresh water aquifers.

5. Coring, Logging and Testing Program

Daily drilling and completion reports shall be submitted to this office on a weekly basis.

Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the authorized officer (AO).

6. Notifications of Operations

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations.

The spud date will be reported orally to the AO within 48 hours after spudding. If the spudding occurs on a weekend or holiday, the report will be submitted on the following regular work day. The oral report will be followed up with a Sundry Notice.

In accordance with Onshore Oil and Gas Order No. 1, this well will be reported on Form 3160-6 "Monthly Report of Operations", starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report will be filed, in duplicate, to the Vernal BLM District Office, 170 South 500 East, Vernal, Utah 84078.

Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.

If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.

Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communication, not later than 5 days following the date on which the well is placed on production.

Pursuant to NTL-2B, with the approval of a District Engineer, produced water may be temporarily disposed of into unlined pits for a period of up to 90 days. During the period so authorized, an application for approval of the permanent disposal method, along with the required water analysis and other information, must be submitted to the District Engineer.

Pursuant to NTL-4A, lessees or operators are authorized to vent/flare gas during initial well evaluation tests, not exceeding a period of 30 days or the production of 50 MMCF of gas, whichever occurs first. An application must be filed with the District Engineer and approval received, for any venting/flaring of gas beyond the initial 30 day or authorized test period.

A schematic facilities diagram as required by 43 CFR 3162.7-2, 3162.7-3, and 3162.7-4 shall be submitted to the appropriate District Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in 43 CFR 3162.7 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-4.

A first production conference will be scheduled within 15 days after receipt of the first production notice.

No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the AO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within 30 days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.

Pursuant to Onshore Oil and Gas Order No. 1, lessees and operators have the responsibility to see that their exploration, development, production, and construction operations are conducted in a manner which conforms with applicable Federal laws and regulations and with State and local laws and regulations to the extent that such State and local laws are applicable to operations on Federal or Indian lands.

B. THIRTEEN POINT SURFACE USE PLAN

1. Location of Tank Batteries and Production Facilities

All permanent (on site for six months or longer) structures constructed or installed (including oil well pumpjacks) will be painted a flat, non-reflective, earthtone color to match the standard environmental colors, as determined by the Rocky Mountain 5 State Interagency Committee. All facilities will be painted within 6 months of installation. Facilities required to comply with O.S.H.A. (Occupational Safety and Health Act) will be excluded.

Presently, no tank batteries are anticipated for the location.

All site security guidelines identified in 43 CFR 3162.7 regulations will be adhered to.

All off-lease storage, off-lease measurement, or commingling onlease or off-lease will have prior written approval from the AO.

Gas meter runs for each well will be located within 500 feet of the wellhead. The gas flowline will be buried from the wellhead to the meter and anchored securely downstream of the meter. Meter runs will be housed and/or fenced.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted monthly for the first three months on new meter installations and at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal District Office. All meter measurement facilities will conform with the API standards for liquid hydrocarbons and the AGA standard for natural gas measurement.

2. Source of Construction Material

The use materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

3. Methods of Handling Waste Disposal

The reserve pit will not be lined.

Burning will not be allowed.

Produced waste water will be confined to an unlined pit for a period not to exceed 90 days after initial production. During the 90 day period, an application for approval of a permanent disposal method and location, along with required water analysis, will be submitted for the AO's approval. Failure to file an application within the

time allowed will be considered an incident of noncompliance, and will be grounds for issuing a shut-in order.

4. Well Site Layout

The reserve pit will be located as indicated. The pit will be reduced in size to about 50' by 100'.

The stockpiled topsoil will be stored near corner 8. The top 4" of topsoil will be stockpiled there.

Access to the well pad will be as indicated in the APD. The pad will be reduced in size to about 130 feet by 200 feet (same size as that of the other two Lockridge locations).

Reserve pits will be fenced with a wire mesh fence and topped with at least one strand of barbed wire.

5. Plans for Restoration of Surface

Immediately upon completion of drilling, the location and surrounding area will be cleared of all debris, materials, trash and junk not required for production. The reserve pit and that portion of the location and access road not needed for production or production facilities will be reclaimed.

Before any dirt work to restore the location takes place, the reserve pit must be completely dry and all cans, barrels, pipe, etc. will be removed.

Seed will be broadcast or drilled at a time specified by the BLM. If broadcast, a harrow or some other implement will be dragged over the seeded area to assure seed coverage.

The following seed mixture will be used:

Indian ricegrass	3 lbs./acre
Western wheatgrass	2 lbs./acre
Ephraim crested wheatgrass	3 lbs./acre
Yellow sweetclover	2 lbs./acre
Fourwing saltbush	2 lbs./acre

6. Other Information

There will be no deviation from the proposed drilling and/or work-over program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned will be identified in accordance with 43 CFR 3162.2.

"Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3164.

The dirt contractor will be provided with an approved copy of the surface use plan.

A suitable cultural resource clearance has been received for the project. If any cultural resources are found during construction, all work will stop and the AO will be notified.

This permit will be valid for a period of one year from the date of approval. After permit termination, a new application will be filed for approval for any future operations.



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Will files (3)
Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

PG10

May 24, 1985

021915

TO: John R. Baza
FROM: Dan Jarvis *[Signature]*
RE: Presite Inspections for John P. Lockridge

On site inspections were conducted on the following three locations on May 16, 1985.

- ✓ Horseshoe Bend Federal 24-28 in Section 28, T.6S, R.22E, Uintah County, Utah.
- ✓ Horseshoe Bend 34-33 in Section 33, T.6S, R.22E, Uintah County, Utah. *43-047-31035*
- ✓ Horseshoe Bend 33-31 in Section 31, T.6S, R.22E, Uintah County, Utah.

All three locations are federal surface, all three will be operated by John P. Lockridge. In attendance at these inspections were the following people:

D.D. (Curley) Grimlie-Consultant for John P. Lockridge, Greg Darlington-BLM, Ernie Buist-Dirt Contractor, Jim Thompson, Glenn Goodwin and Dan Jarvis-State of Utah, Division of Oil, Gas and Mining. All of the above sites were given cultural clearances prior to this meeting.

The first site inspected was Horseshoe Bend Federal 24-28. The surface formation is the Unita, which is a sandy clay. Vegetation is sagebrush, prickly pear and native grasses. On the east side of the location a wash runs from north to south, the topsoil stock pile was to be stored here. Greg Darling of the BLM requested that they move the stock pile to the north side of the location to avoid the drainage. There were no recommendations to line the pit.

The John P. Lockridge, Horseshoe Bend Federal 34-33 was the second site inspected. The surface formation is the Uinta, a brown sandy clay. The pit side of the location will be built against the side of a cliff. A diversion ditch will be dug on this side of the location to divert runoff water from the cliff. Vegetation is the same as the 24-28, pit will not be lined. There are no significant environmental concerns.

Page Two
John R. Baza
May 24, 1985

The third site inspected was the John P. Lockridge, Horseshoe Bend Federal 33-31, the surface here is also the Uinta. The topography is relatively flat. Vegetation is Indian rice grass and sagebrush, the pit will not be lined. There are no significant enviromental concerns.

sb
0116T-16-17

OPERATOR

John P. Lockridge Operator Inc

DATE

5-30-85

WELL NAME

Horsehoe Bend Fed. 34-33

SEC

SWSE 33

T

6S

R

22E

COUNTY

United

43-647-31635

API NUMBER

Ind

TYPE OF LEASE

CHECK OFF:



PLAT



BOND



NEAREST WELL



LEASE



FIELD



POTASH OR
OIL SHALE

PROCESSING COMMENTS:

Bond Order - Cause # 145-4

Need water permit

APPROVAL LETTER:

SPACING:



A-3

UNIT



C-3-a

145-4 10/25/84
CAUSE NO. & DATE



C-3-b

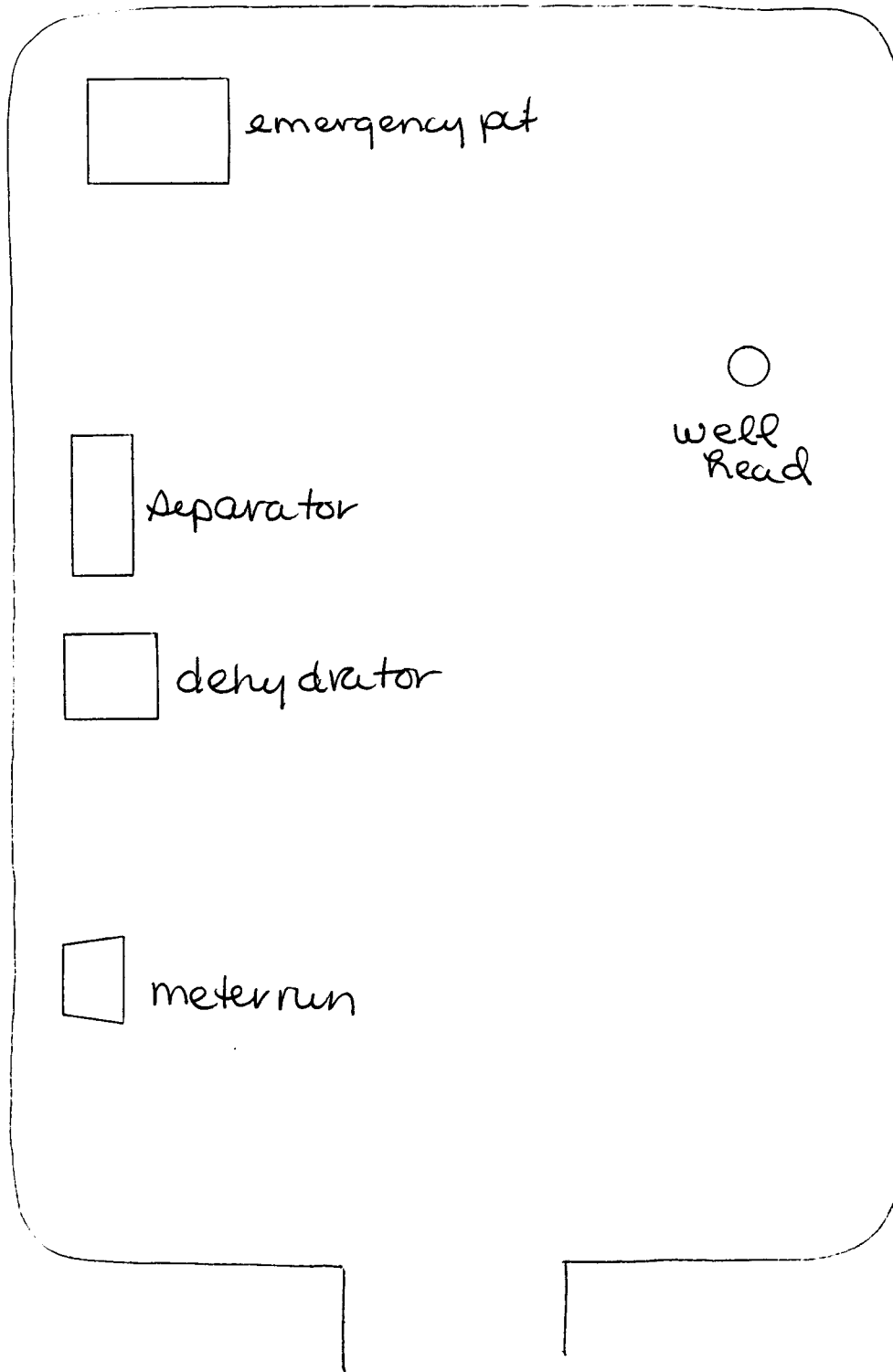


C-3-c

STIPULATIONS:

1- Water

42-381 50 SHEETS 5 SQUARE
42-382 100 SHEETS 5 SQUARE
42-389 200 SHEETS 5 SQUARE


$$L_N$$




STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

June 3, 1985

John P. Lockridge Operator, Inc.
1444 Wazee, Suite 218
Denver, Colorado 80202

Gentlemen:

Re: Well No. Horseshoe Bend Federal 34-33 - SW SE Sec. 33, T. 6S, R. 22E
623' FSL, 1903' FEL - Uintah County, Utah

Approval to drill the above referenced gas well is hereby granted in accordance with the Order of Cause No. 145-4 dated October 25, 1984, subject to the following stipulations:

1. Prior to commencement of drilling, receipt by the Division of evidence providing assurance of an adequate and approved supply of water.

In addition, the following actions are necessary to fully comply with this approval:


1. Spudding notification to the Division within 24 hours after drilling operations commence.
2. Submittal to the Division of completed Form OGC-8-X, Report of Water Encountered During Drilling.
3. Prompt notification to the Division should you determine that it is necessary to plug and abandon this well. Notify John R. Baza, Petroleum Engineer, (Office) (801) 538-5340, (Home) 298-7695 or R. J. Firth, Associate Director, (Home) 571-6068.

Page 2
John P. Lockridge Operator, Inc.
Well No. Horseshoe Bend Federal 34-33
June 3, 1985

4. This approval shall expire one (1) year after date of issuance unless substantial and continuous operation is underway or an application for an extension is made prior to the approval expiration date.

The API number assigned to this well is 43-047-31635.

Sincerely,

A handwritten signature in cursive script that reads "John R. Baza". The signature is written in dark ink and is positioned above the printed name and title.

John R. Baza
Petroleum Engineer

as
Enclosures
cc: Branch of Fluid Minerals

w/ok
49-1362
T-60850

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

API NO. 43-047-31635

NAME OF COMPANY: JOHN P. LOCKRIDGE

WELL NAME: HORSESHOE BEND FEDERAL 34-33

SECTION 33 TOWNSHIP 6S RANGE 22E COUNTY UINTAH

DRILLING CONTRACTOR LEON ROSS

RIG # OLSON #5

SPUDDED: DATE 6/12/85

TIME 9:30 pm

HOW DRY HOLE

DRILLING WILL COMMENCE RIGGING UP OLSON # 5, drilling by 6/14/85

REPORTED BY GLENN GOODWIN

TELEPHONE # 789-1388

DATE 6/13/85 SIGNED JRB

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIP
(Other instructions on re-
verse side)

Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. U-44210
2. NAME OF OPERATOR John P. Lockridge Operator, Inc.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME -----
3. ADDRESS OF OPERATOR 1444 Wazee Street, Suite 218, Denver, Colorado 80202		7. UNIT AGREEMENT NAME -----
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface SW SE Section 33-T6S-R22E, SLM		8. FARM OR LEASE NAME Horseshoe Bend Federal
14. PERMIT NO. 43-047-31635		9. WELL NO. 34-33
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5048' Gr.		10. FIELD AND POOL, OR WILDCAT Wildcat
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 33-T6S-R22E
		12. COUNTY OR PARISH Uintah
		13. STATE Utah

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input checked="" type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <input type="checkbox"/>	

SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input checked="" type="checkbox"/>
(Other) <input type="checkbox"/>	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

Drilling of the subject well was commenced 6/12/85. Drilled 12 1/4" hole to 232' with spudder rig. Ran 5 joints, 8 5/8", 24#, new casing. Cemented with 135 sacks, regular type H cement with 3% CaCl. Good circulation. Plug down at 4:20 AM, 6/13/85.

18. I hereby certify that the foregoing is true and correct

SIGNED

John P. Lockridge
John P. Lockridge

TITLE

President

DATE

6/17/85

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☐

GAS
WELL ☒

DIVISION OF OIL
GAS & MINING

SINGLE
ZONE ☒

MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

JOHN P. LOCKRIDGE OPERATOR, INC.

3. ADDRESS OF OPERATOR

1444 WAZEE, SUITE 218, DENVER, CO 80202 303-628-9371

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

SW SE (623' FSL & 1903' FEL) Sec. 33-T6S-R22E, SLM

At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

17 mi. SE of Vernal, Utah

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any) 623

16. NO. OF ACRES IN LEASE

1840

17. NO. OF ACRES ASSIGNED
TO THIS WELL

160

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT. 1975

19. PROPOSED DEPTH

3600

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

5048 Gr.

22. APPROX. DATE WORK WILL START*

6/10/85

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8"	24.0#	200'	110 sacks
7 7/8"	4 1/2"	9.5#	T.D.	260 sacks

Proposal: To drill a test well through the Uinta Formation

See Attached:

- 1) Ten Point Drilling Program
- 2) Multipoint surface Use and Operation Plan
- 3) Cultural Resource Survey Report.

Anticipated BHP is 1300 PSI

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

John P. Lockridge

TITLE

President

DATE

5-8-85

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

L. Ferguson
DISTRICT MANAGER

TITLE

DISTRICT MANAGER

DATE

6/11/85

CONDITION OF APPROVAL

ATTACHMENTS OF APPROVAL ATTACHED

1. OPERATOR'S COPY

*See Instructions On Reverse Side

ut080-5M-164
BLM

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Div OG+M

JOHN P. LOCKRIDGE OPERATOR, INC.

July 11, 1985

RECEIVED

BLM
170 S. 500 E.
Vernal, Utah 84078

JUL 15 1985

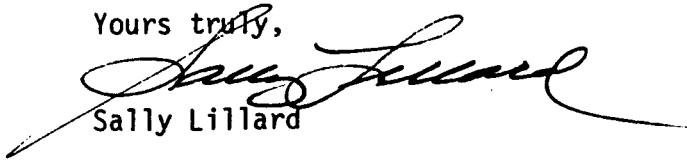
DIVISION OF OIL
GAS & MINING

Re: Well Completion Report
#34-33 Horseshoe Bend Federal
SW SE Section 33-T6S-R22E, SLM
Uintah County, Utah

Gentlemen:

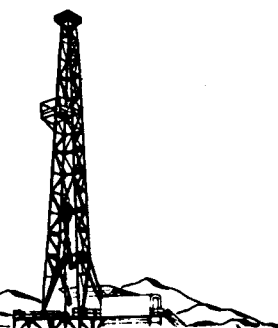
Enclosed please find duplicate copies of the Completion Report for the #34-33 Horseshoe Bend Federal for your consideration and files. A copy of the Daily Report is also enclosed. Logs for this well will be, or have been, sent to you directly by Schlumberger, in Vernal, Utah.

Yours truly,


Sally Lillard

/sl

cc: State of Utah
Division of Oil, Gas and Mining
Prima Energy
Calais Resources, Inc.
Wm. Berryman
Snyder Oil Co.
High Plains Oil Co.
David H. Suek
Mercer Group



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

15

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other ☐
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. REVR. ☐ Other ☐

2. NAME OF OPERATOR
John P. Lockridge Operator, Inc.

3. ADDRESS OF OPERATOR
1444 Wazee Street, Suite 218, Denver, Colorado 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface SW SE Section 33-T6S-R22E, 623' FSL & 1903' FEL

At top prod. interval reported below

At total depth

14. PERMIT NO. 43-047-31635
DATE ISSUED 6/11/85

15. DATE SPUDDED 6/12/85
16. DATE T.D. REACHED 6/16/85
17. DATE COMPL. (Ready to prod.) 6/18/85
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5048' Gr.

20. TOTAL DEPTH, MD & TVD 3464'
21. PLUG, BACK T.D., MD & TVD 3423' PB
22. IF MULTIPLE COMPL., HOW MANY* -----
23. INTERVALS DRILLED BY -----

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
3278'-3286', Uinta "B"

26. TYPE ELECTRIC AND OTHER LOGS RUN
DILL with SFL, CNFD, Sonic and RET

27. WAS WELL CORDED
No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8"	24#	222' KB	12 1/4"	135 sacks	
4 1/2"	10.5#	3463' KB	7 7/8"	425 sacks	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 3/8"	3375'	3375'

31. PERFORATION RECORD (Interval, size and number)

3410-3414', 3 1/8" casing gun, 2 jet shot per foot.

3278-3286', same as above

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3410-14	1500 gal, 7.5% HCL with additives
3410-14	12/20 sand, 70% quality foam
3278-86	2000 gal, 7.5% HCL with additives

33. PRODUCTION

DATE FIRST PRODUCTION Shut-in
PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing
WELL STATUS (Producing or shut-in) Shut-in

DATE OF TEST 7/3/85
HOURS TESTED 18
CHOKE SIZE 18/64"
PROD'N. FOR TEST PERIOD -----
OIL—BBL. -----
GAS—MCF. 1965
WATER—BBL. -----
GAS-OIL RATIO -----

FLOW. TUBING PRESS. 875#
CASING PRESSURE -----
CALCULATED 24-HOUR RATE -----
OIL—BBL. -----
GAS—MCF. 1965
WATER—BBL. -----
OIL GRAVITY-API (CORR.) -----

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)
Vented

TEST WITNESSED BY
D.D. Grimlie

35. LIST OF ATTACHMENTS

Well history, logs sent directly by Schlumberger in Vernal, Utah.

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED John P. Lockridge TITLE President DATE 7/11/85

*(See Instructions and Spaces for Additional Data on Reverse Side)

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, flowing and shut-in pressures, and recoveries):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
			No cores or drill stem tests.

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Uinta "B"	2953'	

Report Date	Activity
5/29/85 cont.	Flow well on 14/64" choke. FTP 200-400#. Choke sanded off. Flow well on 22/64" choke. Making sand, load water, trace oil, gas and nitrogen. FTP 500-110#. Shut well in, shut down for night.
6/30/85	SITP 850#. Flow well to pit thru 14/64" choke, making gas and load water. Hook up well to separator. Flow thru well tester on 14/64" choke. FTP 400-500#. 150# back pressure. 128.5 MCF/D. Flow on 18/64" choke, FTP 350-400#, 150# BP. 80-117 MCF/D. Flow on 22/64" choke, FTP 240-425#, 150# BP, 138.6-188.7 MCF/D. Stabilized at 138.6 MCF/D. 240# FTP and 150# BP. Made 107 bbls load water and 16 bbls oil (black, tarry, heavy with lots of gas and water tied up in it) in last 24 hours.
7/1/85	Flow well on 22/64" choke thru separator. 240# FTP, 150# BP. 138.6 MCF/D. 11.6 bbl load water in last 4 hours. SWI in for Bottom Hole Pressure Survey. Rig up Sun Oil Field Service. Wire line T.D. 3420'. Hang BHP survey at 3412'. SITP 1190#.
7/2/85	1200 # SIP. Pull out of hole with Bottom Hole Pressure Survey. Bleed off gas pressure. Reverse circulate with 65 bbls, 3% KCL water. Run in hole with additional 10 joints tubing, tag fill at 3411'. Reverse circulate sand down to 3423'. Rig up Oil Well Perforators, and perforate 3278-3286', with 3 1/8" casing gun, 2 jet shots per foot (.37 dia. holes). Total - 17 holes. SIP 200#. Flow back 3 bbl/min. Shut well in and pump 30 bbls KCL water down casing to kill well. Seat nipple and go in hole with 104 joints tubing. Set retrievable bridge plug at 3362' and packer at 3347' and test BP to 4000#. Held OK. Release packer and pull up to 3242', set with 20,000# tension. Test to 1000#. Held OK. Initial fluid level; surface. Made 2 swab runs when well began flowing. Flowed back 12 bbls load water. Put well on 16/64" choke, 400-900# FTP. Est. 1,000,000 CF/D. Put well thru separator on 17/64" choke, 1050# FTP, 1,066,000 CF/D. 18/64" choke, 950# FTP, 1,299,480 CF/D. 20/64" choke, 850# FTP, 1,721,810 CF/D, stabilized at this rate for 5 1/2 hrs. Shut well in, shut down for night.
7/3/85	1250# SITP. Open well on 18/64" choke, flow through separator, FTP 875#, 300# back pressure. Stabilized at 1,965 MCF/D. Rig up Halliburton. Acidized 3278-3286', with 2000 gal., 7 1/2% HCL, containing soap cleaner, surfactant, clay stabilizer and iron sequestering agent and inhibitor. Pump 320 gals. acid, drop 1 ball every 84 gal. Total 1680 gals. Injection rate 4 bbl/min. Breakdown pressure 2000-1700#, average injection pressure 1500#. Good ball action, balled off with 19 balls at perfs. Drop balls off perfs and displaced acid with 13 bbls, 3% KCL water. ISIP 900#, 5 min. 740#, 15 min. 500#. 60 bbls total load to recover. Open well, bleed off pressure. Swab, made 5 runs, started flowing. Flowed 16/64". 500# FTP (to pit). Estimated recovery at 40 bbls. Flowed through separator on 20/64" choke, FTP 710#, 1772.2 MCF/D.
7/4/85	Flow well through separator. Change orifice plate to 1.375". Flow rate 2042.5 MCF/D on 20/64" choke, 710# FTP. Shut well in. Rig up Sun Oil Field Service. Go in hole with BHP Survey. Hang at 3282'. Taking BHP Survey till 7/5/85, A.M.
7/5/85	SITP 1200#. Shut in for Bottom Hole Pressure Survey. Start out of hole with survey tools. SIP 1200#.
7/6/85	SITP 1200#. Bleed off gas pressure. Pump 14 bbls KCL water down tubing to kill well. Release packer and trip in hole to 3362'. Pick up retrievable ridge plug. Trip in hole with packer, F nipple, 2 3/8" sliding sleeve, seating nipple, and 101 joints, 2 3/8" tubing. Set packer at 3375'. Swab, 3410-3414' to kick well off. Attempt to run wire line plug to set F. nipple, could not get through seating nipple. Pull out of hole with wireline. Pump 14 bbls KCL water to kill well. Release packer, trip out of hole, well started flowing with 260' of tubing still in hole. Kill well by pumping down annulus, pump 90 bbls. Remove seating nipple, set packer at 3374'. Nipple down stripper head, nipple up wellhead. Swab well to kick off lower perfs, 3410-3414'. Flow well to pit (to clean up perfs) on 18/64" choke, 500# FTP, still making load water. Bottom hole pressure survey after 42 hours 1261#.
7/7/85	Rig up wireline truck. Set FSG plug and F nipple at 3372'. SITP 750#. Bleed off pressure, plug held OK. Open sliding sleeve with shifting tool at 3304'. SITP 100#. Bleed off pressure and make 9 swab runs to get well flowing. Flow on 32/64" choke, 250# FTP. Making load water and good gas. Flow well on 18/64" choke, 650 FTP#. Shut well in, waiting on production facilities. Bottom hole assembly: 4 1/2" arrow set packer, 1 - F Nipple with FSG plug set in, 2 joints 2 3/8" tubing, 1 model L sliding sleeve, 102 joints 2 3/8" tubing. FINAL REPORT.

Report Date Activity

6/19/85 Gas Analysis from RFT Recoveries

	DEPTH		
	3411'	2996'	3282'
Methane	99.51	99.62	99.45
Ethane	.45	.38	.03
Propane	none	none	.19
Nitrogen	.04	0	.33
Gravity	.5562	.5557	.5572
Btu (dry)	1015.5	1014.5	1011.5

6/20/85

WOCT

6/21/85

WOCT. Plan to run bond log today.

6/22/85

Rig up Oil Well Perforators and run cement bond log with GR Correlation, from T.D. to top of cement. Loggers TD 3399', top cement 1684'. 100% bond from TD to 1850'. 90-95% bond from 1850' to 1684'.

6/23/85

WOCT

6/24/85

WOCT

6/25/85

Move in Western Oil Well Service Rig #22. Nipple up Acme 6", 5000# BOP. Talley 108 joints 2 3/8" tubing. Nipple up 4 1/2" X 3000# tubing head. Make up Mt. States 3 7/8" bit and 4 1/2" casing scraper on 2 3/8" tubing. Trip in hole with 6 joints, 2 3/8" tubing. Tag plug back T.D. at 3423' KB. Reverse circulate hole with 3% KCL water. Nipple down stripper head. Pull out of hole with 106 joints tubing. Lay down bit and scraper. Attempt to pressure test, leak around weld on bell nipple. Will repair 6/25/85. Shut well in, shut down for night.

6/26/85

Reweld bell nipple, pressure test casing, tubing head and BOP to 3000#. Rig up Oil Well Perforators, and perforate 3410'-3414', with 3 1/8" casing gun. 2 jet shots per foot, total 9 holes. Make up 4 1/2" Mt. States 32A packer, seating nipple on 2 3/8" tubing. Trip in hole with 104 joints. Set packer at 3369', with 20,000# tension. Test to 1000# on annulus. OK. Rig up swab. Initial fluid level at surface, made 5 swab runs to 3362', final fluid level. Recovered tubing capacity of 13 bbl fluid. No fluid entry, slight show of gas, last 3 runs. TSTM. Rig down swab. Fill tubing with 13 bbls KCL water. Breakdown with 6 bbls KCL water. Breakdown pressure 1200-900# at 1/2 bbl per min. Injection rate after breakdown, 3 bbl per min at 1100#. ISIP - 100#. 19 bbl load water to recover. Rig up swab. Initial fluid level at surface, made 11 swab runs, pulled from seat nipple last six runs. Recovered 16 bbl load water, 3 remaining to recover. Gas on last 7 runs, TSTM. Blow of gas between swab runs. TSTM. SWI, SDFN.

6/27/85

SITP 950#. Bleed off gas pressure. Initial fluid level 1900', final fluid level 3362'. Make 3 swab runs, recover 3 bbl load water. Small amount of gas, TSTM. Rig up Halliburton. Acidize perfs 3410-3414' with 1500 gals 7.5% HCL with additives. Pump 300 gal acid. Drop one 7/8" RCN ball every 80 gals for 1200 gals. Breakdown from 1700-1200#. Good ball action. Balled off with 10 balls at formation. Injection rate 4 bbl. per minute. After balled off, released pressure and dropped balls off perfs. Flushed with 14 bbl KCL water. ISIP 400#, 5 min - 350#, 10 min. - 300#, 15 min. - 300#. 49 bbls load water to recover. Bleed off pressure to tank. Flowed back 1 bbl water. Swab and flow back 13 bbl KCL water in 3 runs. Started getting gas on 5th run. 18 total swab runs. Gas would continue to flow between runs. 6 - 8' flare, estimated 12-14 MCF/D. Swab back 44 bbl load water. 5 bbl still to recover. SWI - SDFN.

6/28/85

SITP 1025#. Bleed off gas pressure. Flow small amount water, make 3 swab runs, swabbed and flowed 5 bbls load water. Turn through gas separator on 8/64" choke, 100 # FTP. 14 MCF/D, from 1000-1300 hours. Flow increased to 32 MCF/D, 200# FTP, from 1300-1500 hours. Shut well in at 1500 hrs. Rig up Sun Oil Field Service. Run in hole with BHP bomb, and hung at 3412'. Shut down for night.

6/29/85

SITP 1025#. Bleed off pressure. Fill tubing with 14 bbls KCL water. Release packer, reverse circulate well with 47 bbls, treated, 3% KCL water. Ran in hole with seating nipple and 96 joints tubing and one 3' blast joint. Ran to 3119'. Nipple down BOP, nipple up wellhead. Rig up Halliburton. Frac perfs 3410-3414', down 2 3/8" tubing, 4 1/2" annulus, with 12/20 sand and 70% quality foam. Run 2100 gal pad with 7000 cu ft Nitrogen/bbl. Run 900 gals, 1#/gal, 12/20 sand, 3000 cu ft nitrogen/bbl, 900 gals 2#, 12/20 sand, 3000 cu ft nitrogen/bbl, and 1500 gals 3#, 12/20 sand, 5000 cu ft/bbl. Injection rate 4.5 bbl/min, treating pressure 2400#. Sanded off with 10,600# sand in formation. Flow well to pit to clean up thru 20/64" choke.

DAILY REPORT

Lockridge et al #34-33 Horseshoe Bend Federal

Location: SW SE Section 33-T6S-R22E
 Uintah County, Utah

Elevation: 5048' Gr.

Contractor: Olsen Drilling Rig #5

RECEIVED

JUL 15 1985

DIVISION OF OIL
 GAS & MINING

Report Date Activity

5/13/85 Building location. Moved in, rigged up Leon Ross Drilling Rig #3. Drilled 12 1/4" hole with air to 232'. Struck oil shale at 2130 hrs, 232', 6/12/85. Ran 5 joints, 8 5/8", 24#, new casing (210.20'). Set at 222' KB. Halliburton cemented 8 5/8" casing with 135 sacks, regular, type H cement with 3% CaCl. Good circulation. Circulated 30 sacks to pit. Plug down at 0420, 6/13/85. Drilled mouse hole, rat hole and two sanitation holes. Preparing to rig up Olsen Drilling.

5/14/85 Moved in, rigged up Olsen Drilling Rig #5. Test blind rams, choke manifold and related equipment to 2000#. Held OK. Tag top of cement at 210'. Test pipe rams to 2000#, hydril to 1500#. Held OK. Drill cement and shoe to 232'. Survey 3/4° at 220'. Survey 1/2° at 519'. Drilling to 725'. Drilled with fresh water, wt 8.4, vis 27, ph 10.

5/15/85 Drilling with fresh water, wt 8.4, vis 27, ph 10. Survey 3/4° at 993', 1/2° 1478', 3/4° at 2006'. Drilling to 2421'.

Gas show #1: 2142-2148' = 6'	.8	.4	.8
	0	4	0
Gas show #2: 2380-2390' = 10'	1	.2	1
	0	5	1

6/16/85 Drilling with freshwater mud, wt 9, vis 35, wl 8.8, ph 10, sol 5, sand 1/8, fc 1, gels 4/8, oil trace, and nitrates 97 ppm, at 3370'. Mudded up at 2800'. Background gas: hi 245, lo 1, average 25. Connection gas 30

Gas show #3: 2410-2421' = 11'	1	.2	1
	1	4	1
Gas show #4: 2810-2820' = 10'	1	.8	1
	1	5	1
Gas show #5: 2952-2958' = 6'	1.5	.8	1.5
	1	25	1
Gas show #6: 3136-3142' = 6'	1.5	1	1.5
	1	45	1
Gas show #7: 3284-3294' = 10'	2	1	2
	1	225	25
Gas show #8: 3344-3348' = 4'	3.5	1	3
	25	40	25

6/17/84 Drilling to 3464' T.D. Circulated and conditioned hole and mud for logs. Short trip to 1750', 20' of fill. Circulated and conditioned hole and mud for logs. Drop survey. Trip out of hole for logs. SLM 3463.8', no corrections. Drilled with freshwater mud, wt 9.3, vis 61, wl 7.8, ph 10, sol. 1/8, fc 1, gels 8/17, oil trace and nitrates 88 ppm. Rig up Schlumberger. Run DILL with SFL, CNFD, Sonic and RFT. Loggers T.D. 3453'. Background gas: hi 245, lo 1, average 25. Connection gas 30.

Gas show #9: 3372-3378' = 6'	3	1.5	3
	25	60	40
Gas show #10: 3416-3421' = 5'	2.5	1.5	2.5
	25	120	25
Gas show #11: 3432-3436' = 4'	2.5	1	2.5
	25	98	25

6/18/85 Logging, running RFT tool. Ran 9 pressure tests and 3 samples. Test #1 at 3282'. ISIP 1409, FSIP 1400. Recovered 22 cu. ft. of gas at 1200# and 1900 cc filtrate water. Test #2 at 2996'. ISIP 1425, FSIP - no good, no recovery, tool plugged. Test #3 at 3411'. ISIP 1483, FSIP 265 (erroneous result, tool plugged they think) recovered 3.33 cu ft of gas at 250# and 700 cc filtrate water. Wash and ream 20' of fill to T.D. Drop survey. Ran 86 joints, 4", 10.5#, 8 rd ST&C new casing. (3482.87') Set at 3463' KB. Equipped with guide shoe, insert float valve and 6 centralizers. Circulate through casing with rig pump. Cement 4 1/2" casing with 500 gallon mud flush, 425 sacks 50/50 posimix with 2% gel, 18% salt and 2% CaCl. Good circulation throughout. Plug down at 11:00 PM, 6/17/85. Cemented by Halliburton. Lift BOP stack, set casing slips and head with full weight of casing. Cut off 4 1/2" and weld on bell nipple. Clean pits. Rig released at 1:30 AM, 6/18/85. Rig down rotary tool.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE
(Other instructions
verse side)

Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. U-44210
2. NAME OF OPERATOR John P. Lockridge Operator, Inc.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME -----
3. ADDRESS OF OPERATOR 1444 Wazee Street, Suite 218, Denver, Colorado 80202		7. UNIT AGREEMENT NAME -----
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface SW SE Section 33-T6S-R22E		8. FARM OR LEASE NAME Horseshoe Bend Federal
14. PERMIT NO. 43-047-31635		9. WELL NO. 34-33
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5048' Gr.		10. FIELD AND POOL, OR WILDCAT
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 33-T6S-R22E
		12. COUNTY OR PARISH Uintah
		13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	<input type="checkbox"/>	WATER SHUT-OFF	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	FRACTURE TREATMENT	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	SHOOTING OR ACIDIZING	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	(Other) First Production	<input checked="" type="checkbox"/>
(Other)	<input type="checkbox"/>	(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

Notice of Production

First Production: November 22, 1985, 3:00 PM

Gas sold to Utah Gas Service Company

RECEIVED

DEC 09 1985

DIVISION OF OIL
GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED <i>John P. Lockridge</i>	TITLE President	DATE 11/25/85
(This space for Federal or State office use)		
APPROVED BY	TITLE	DATE
CONDITIONS OF APPROVAL, IF ANY:		

*See Instructions on Reverse Side

JOHN P. LOCKRIDGE OPERATOR, INC.

December 4, 1985

Bureau of Land Management
170 S. 500 East
Vernal, Utah
84078

RECEIVED

DEC 09 1985

DIVISION OF OIL
GAS & MINING

Re: Sundry Notice
First Production
#34-44 Horseshoe Bend Federal
Uintah County, Utah

Gentlemen:

Enclosed please find a Sundry Notice (in triplicate) reporting first production on the captioned well.

Your prompt consideration and approval of this Sundry Notice will be appreciated.

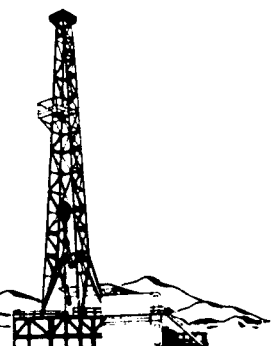
Yours truly,


Sally Lillard

sl

enclosure

cc: State of Utah
Division of Oil, Gas and Mining
Prima Energy Corporation
Calais Resources, Inc.
Bill Berryman
TBN Exploration Inc.
Boyd Henneman
S.A. Chorney
Cardo Company
Mercer Group
David H. Suek
Snyder Oil Company
High Plains Oil Corporation



EXPRESS MAIL ROUTING SLIP

Pam	<u>pk</u>	10:35	12-11
Tami	<u>TA</u>	11:00	12-11
Vicky	<u>VC</u>	12-11	2:20
Claudia	<u>C</u>	12/12	9:03
Stephane	<u>SB</u>	8:34	12-12
Charles	<u>CP</u>	2:26	
Rula	<u>Rm</u>	10:00	12/12
Mary Alice	<u>MMP</u>	10:30	12/12
Connie	<u>CD</u>	1040	12-12
Millie	<u></u>		
Pam	<u>pk</u>	1045	12/12

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE
(Other instructions re-
verse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>	5. LEASE DESIGNATION AND SERIAL NO. U44210
2. NAME OF OPERATOR JOHN P. LOCKRIDGE OPERATOR, INC.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR 1801 Broadway, Suite 500, Denver, CO 80202	7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any instructions on reverse side. See also space 17 below.) At surface SWSE (623' FSL & 1903' FEL) SEC 18 T-6S R-22E S4	8. FARM OR LEASE NAME Horseshoe Bend Federal
	9. WELL NO. 34-33
	10. FIELD AND POOL, OR WILDCAT SEC. T. R. M. OR BLK. AND SURVEY OR AREA 34 T-6S R-22E
14. PERMIT NO. 43-047-31635	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5048 GR
	12. COUNTY OR PARISH Uintah
	13. STATE Utah

RECEIVED
JUN 21 1989
DIVISION OF OIL, GAS & MINING

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF	<input type="checkbox"/>	PULL OR ALTER CASING	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	MULTIPLE COMPLETE	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	ABANDON*	<input checked="" type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	CHANGE PLANS	<input type="checkbox"/>
(Other)	<input type="checkbox"/>		

SUBSEQUENT REPORT OF:

WATER SHUT-OFF	<input type="checkbox"/>	REPAIRING WELL	<input type="checkbox"/>
FRACTURE TREATMENT	<input type="checkbox"/>	ALTERING CASING	<input type="checkbox"/>
SHOOTING OR ACIDIZING	<input type="checkbox"/>	ABANDONMENT*	<input type="checkbox"/>
(Other)	<input type="checkbox"/>		

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

The above referenced well was drilled and completed as a gas well in July 1985. Gas production has declined to an uneconomical rate. Well was drilled to 3464' KB with rotary tools, 8 5/8" surface casing set to 222', cemented to surface. 4 1/2" production casing set to 3463' w/PBTD 3423'. Log top of cement @ 1684'. Perforations 3410'-3414' w/2JSPF, 3278'-3286' w/2JSPF in Uintah Formation. Operator proposes to plug and abandon well as follows:

1. MIRU completion unit
2. Circulate well down annulus and up tubing
3. Remove production tree and install 6" 3000# BOP'S
4. Pull tubing and remove BHA
5. Run tubing open ended to \pm 3420'
6. Spot 25 sacks cement plug 3420'-3090' in 4 1/2" casing by balanced plug method
7. Pull tubing above cement plug - W.O.C. - Tag top of cement plug
8. Pump 25 sacks cement plug down 8 5/8" x 4 1/2" annulus by displacement method
9. Spot 25 sacks cement plug 330' - surface in 4 1/2" casing by balanced plug method
10. Remove casing head and cap well with marker as per USGS specifications
11. Remove equipment and reclaim surface and lease road, reseed location and lease road as per USGS specifications

18. I hereby certify that the foregoing is true and correct

SIGNED

D. D. Curley, Jr.

TITLE Consultant for Operator DATE 6-19-89

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

Federal approval of this action
is required before commencing
operations.

TITLE

ACCEPTED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

DATE 6-30-89

BY John R. Bays

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE
(Other instructions on
reverse side)

Budget Bureau No. 1004-0135
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

U44210

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1.

OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR

NOV 28 1990

John P. Lockridge Operator, Inc.

3. ADDRESS OF OPERATOR

1801 Broadway, Suite 550, Denver, CO 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)

At surface

SW SE (623' FSL & 1903' FEL) Sec 33, T6S, R22E SLM

14. PERMIT NO.

43-047-31635

PA

15. ELEVATIONS (Show whether of, to, or, etc.)

5048 GL

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Horseshoe Bend Federal

9. WELL NO.

34-33

10. FIELD AND POOL, OR WILDCAT

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

34, T6S, R22E

12. COUNTY OR PARISH

Uintah

13. STATE

Utah

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PLUG OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANE

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

The following operations were conducted to plug and abandon. The operations were witnessed by Mr. Dave Brown of the Vernal Office, Bureau of Land Management.

1. MIRU Colorado Well Service, Inc.
2. Circulate hole w/KCl wtr & trip out with tbg & pkr. Trip in w/tbg.
3. Circulate hole w/hot wtr. Pump 25 sx of Class H cmt w/3% CaCl. Pull 15 stands. WOC.
4. Circulate hole w/hot wtr. Tag TOC at 3076'. Pressure test 4½" csg to 1250 psi for 15 minutes. Held.
5. Pump 25 sx Class H cmt down 8 5/8" - 4½" annulus. Cmt to surface.
6. Pump 25 sx Class H cmt plug in 4½" csg. TOC at surface.
7. Weld steel plate over csg. Installed temporary abandonment marker*.

* Permanent abandonment marker will be installed when the restoration and recontouring is completed. The recontouring will be completed after Utah Gas Service collects their gas gathering line from the surface.

Discussed w/ Gary Stettler 3/21/90. He will call when line is taken out.

18. I hereby certify that the foregoing is true and correct

SIGNED William M. Berryman

TITLE Consultant for Operator

DATE 1/2/90

(This space for Federal or State Approval)

APPROVED BY [Signature]
CONDITIONS OF APPROVAL, IF ANY:

TITLE

ASSISTANT DISTRICT
MANAGER MINERALS

DATE

2/12/90

*See Instructions on Reverse Side

CONDITIONS OF APPROVAL ATTACHED
TO OPERATOR'S COPY

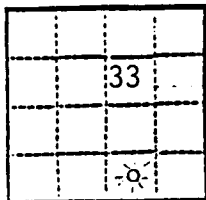
SURFACE REHABILITATION

CONDITIONS OF APPROVAL

1. The required seed mixture on the Lockridge 34-33 well will be:

<u>Seed</u>	<u>Lbs. per Acre</u>
Fairway Crested Wheatgrass	4
Tall Wheatgrass	3
Four Wing Saltbrush	4
Yellow Sweet Clover	<u>1</u>
Total	12 lbs./acre

- If the seed is broadcast, the mixture will be double the lbs. per acre and a harrow or some other implement will be dragged over the seeded area to assure seed coverage.
 - All seeding will be done from September 15th until the ground freezes.
 - If the seeding is unsuccessful, the lessee/operator may be required to make subsequent seedings.
2. The reclamation plan outlined in the approved APD will be adhered to. John Lockridge Operator, Inc., will notify the Vernal District Office of the Bureau of Land Management seven (7) days prior to beginning surface rehabilitation operations to discuss seeding methodology and to allow us time to schedule a field examination, if necessary.
3. The deadmen will be cut-off a minimum of one foot below recontoured ground surface, unless otherwise ordered by the authorized officer.
4. Prior to seeding, the location should be restored to its original contour, topsoil respread then ripped on the contour, leaving the location rough to prevent erosion.

Form 9-592
(April 1952)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
CONSERVATION DIVISION

Sec. 33T. 6SR. 22E

S L Mer.

INDIVIDUAL WELL RECORD

*CA CR-106

PUBLIC LAND:

Date June 11, 1985

Ref. No. _____

Land office UTAH State UTAHSerial No. U-44210 County UINTAHLessee SOCO 1979 Acreage Program Field Horseshoe BendOperator John P. Lockridge Operator, INC District VernalWell No. #34-33 Subdivision SW/SELocation 623' FSL & 1903' FELDrilling approved June 11, 1985 Well elevation 5048 Gr feetDrilling commenced June 12, 1985 Total depth 3,464'; PB 3,423 feetDrilling ceased June 16, 1985 Initial production 1965 MCFGPDCompleted for production June 18, 1985 Gravity A. P. I. _____Abandonment approved Aug. 12, 1993 Initial R. P. Ftp 875 psi

Geologic Formations

Productive Horizons

Surface	Lowest tested	Name	Depths	Contents
Uinta	Uinta	Uinta	3,278-3,286' (selective)	Gas

WELL STATUS

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1985						GSI SPUD						
1989							Abd					
1993								P+H				

REMARKS Geologic Markers - see well fileCasing Record: sfc - 8 5/8", 24# @ 222' w/135 sxsprod - 4 1/2", 10.5# @ 3,463' w/425 sxs



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155

IN REPLY REFER TO
UT-931

May 15, 2000

Coastal Oil & Gas Corporation
Attn: Elsie M. Powell
Coastal Tower
Nine Greenway Plaza
Houston, TX 77046-0995

Re: Successor of Operator
Communitization Agreement (CA)
CR-106
Uintah County, Utah

Gentlemen:

We received an indenture dated January 11, 2000, whereby Santa Fe Snyder Corporation resigned as Operator and Coastal Oil & Gas Corporation was designated as Operator for CA CR-106, Uintah County, Utah.

This indenture was executed by all required parties. The instrument is hereby approved effective May 15, 2000. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under CA CR-106.

Your nationwide (Wyoming) oil and gas bond No. 2793 will be used to cover CA operations.

Please advise all interested parties of the change in operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks
Chief, Branch of Fluid Minerals

Enclosure

bcc: District Manager - Vernal (w/enclosure)
Division Oil, Gas, & Mining
File - CR-106 (w/enclosure)
MMS - Data Management Division
Agr. Sec. Chron
Fluid Chron

UT931:TATHOMPSON:tt:5/15/00

RECEIVED

MAY 16 2000

DIVISION OF
OIL, GAS AND MINING

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05/15/00

Well Status Report
Utah State Office
Bureau of Land Management

Lease	Api Number	Well Name	QTR	Section	Township	Range	Well Status	Operator
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** Inspection Item: CR106

UTU38411	4304730815	1-33 WEST WALKER-FED NWSW	33	T	6S	R22E	PGW	SANTA FE SNYDER CORPORATION
UTU44210	4304731635	34-33 HORSESHOE BEND SWSE	33	T	6S	R22E	P+A	SNYDER OIL CORPORATION

RECEIVED

MAY 16 2000

DIVISION OF
OIL, GAS AND MINING